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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Margo Haygood et al. Examiner: Unknown
Serial No.: Unknown Group Art Unit: Unknown
Filed: Herewith Docket: 1133.010US1
Title: BRYOSTATINS, BRYOPYRANS AND POLYKETIDES: COMPOSITIONS
AND METHODS
(Continuation Under 35 U.S.C. 111(a) of PCT/US00/21326,
filed 04 August 2000)

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Prior to examination, please amend the above-identified continuation application as follows:

In the Specification

On page 1, after the title, please insert the following:

--This application is a continuation under 35 U.S.C. 111(a) of International Patent Application No. PCT/US00/21326, filed on August 4, 2000, which claims priority from U.S. Provisional Application Serial No. 60/147,283, filed on August 4, 1999, both of which applications are incorporated by reference in their entirety.--

In the Claims

Please cancel claims 1-65 without prejudice or disclaimer.

Please add the following new claims 66-89:

66. (New) A composition, comprising: at least one isolated nucleic acid molecule that encodes at least one polypeptide that catalyzes at least one step in the synthesis of at least one polyketide or bryopyran ring, wherein said at least one nucleic acid is derived from at least one marine organism.

67. (New) The composition of claim 66, wherein said at least one bryopyran ring comprises at least one bryostatin.